

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(1B5980) Hex(086AA6) Hex(1B2880) Hex(393D40) Hex(004F80) Hex(000000)

	Hex(1B5980)	Hex(086AA6)	Hex(1B2880)	Hex(393D40)	Hex(004F80)	Hex(000000)
Hex(1B5980)		Ratio: 1.30 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.79 Failed ⁵
Hex(086AA6)	Ratio: 1.30 Failed ⁵		Ratio: 2.18 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 3.62 AA 18pt ²
Hex(1B2880)	Ratio: 1.68 Failed ⁵	Ratio: 2.18 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(393D40)	Ratio: 1.46 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(004F80)	Ratio: 1.15 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 2.43 Failed ⁵
Hex(000000)	Ratio: 2.79 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 1.66 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.43 Failed ⁵	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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